



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
27.05.2015 Bulletin 2015/22

(51) Int Cl.:
B60J 7/02^(2006.01) B60J 7/043^(2006.01)

(43) Date of publication A2:
01.08.2012 Bulletin 2012/31

(21) Application number: **12152786.5**

(22) Date of filing: **27.01.2012**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA ME

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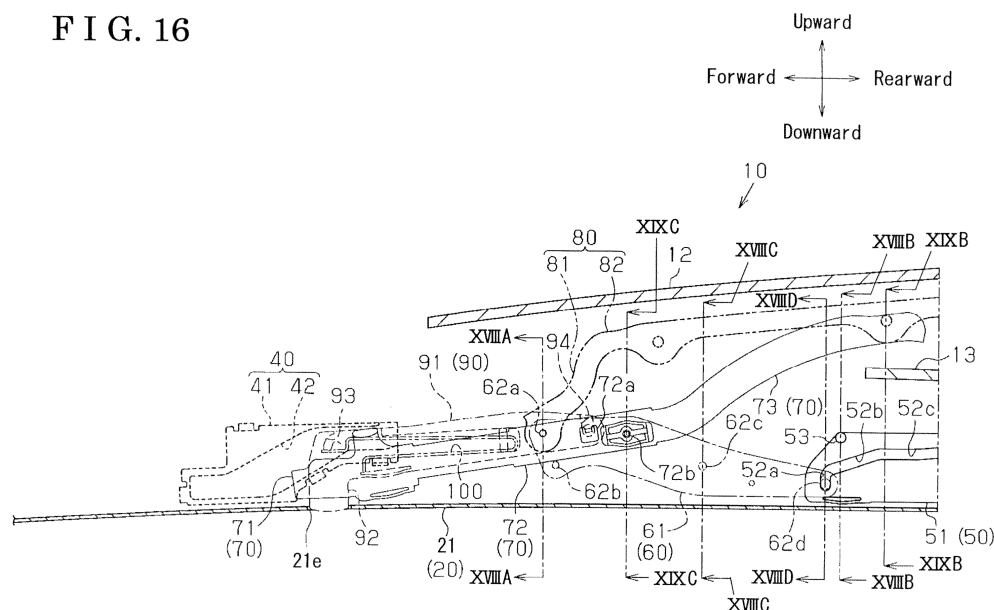
(30) Priority: **28.01.2011 JP 2011016541**

(54) **Roof apparatus**

(57) A roof apparatus includes a functional bracket (80) supporting a movable panel (12), a guide rail (20), a drive shoe (50) moving along the guide rail (20), a front link (60) connected to the functional bracket (80) to move in conjunction with the movement of the drive shoe (50), a rear link (70) connected with the drive shoe (50) to support the functional bracket (80), front and rear restriction portions (62c, 62d) arranged at the front link (60), front and rear restriction portions (71c, 72b) arranged at

the rear link (70), a first distance defined between the front restriction portion (62c) of the front link (60) and the rear restriction portion (72b) of the rear link (70), and a second distance defined between the rear restriction portion (62d) of the front link (60) and the rear restriction portion (72b) of the rear link (70), wherein the front link (60) and the rear link (70) are arranged at different positions on a plain surface extending in a direction perpendicular to a direction in which the guide rail (20) extends.

FIG. 16





EUROPEAN SEARCH REPORT

Application Number
EP 12 15 2786

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			TECHNICAL FIELDS SEARCHED (IPC)
			B60J
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 21 April 2015	Examiner Verkerk, Ewout
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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